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(54) Title: LEPIDOPTERA VOLTAGE-GATED CALCIUM CHANNELS

(57) Abstract: Novel nucleic acid sequences encoding *lepidoptera* calcium channel subunits, and recombinant expressions and host cells comprising the same are disclosed. Isolated *lepidoptera* calcium channel subunits, host cells expressing a *lepidoptera* calcium channel subunits, methods of producing the *lepidoptera* calcium channel subunits and antibodies specific for the *lepidoptera* calcium channel subunits are also disclosed. Methods of identifying modulators and/or inhibitors of *lepidoptera* calcium channels are disclosed

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 435/7.2, 69.1, 320.1, 325; 530/350, 387.1; 536/23.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/7.2, 69.1, 320.1, 325; 530/350, 387.1; 536/23.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A ✓ | WO 200171042 A2 (VENTER et al.) 27 September 2001 (27.09.2001), see entire document. | 1-43 |

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☐ See patent family annex.

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